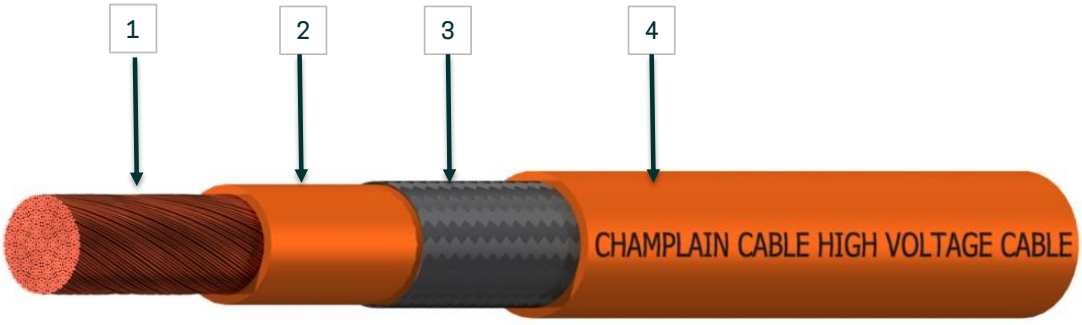
REV.	DESCRIPTION	DATE
0	Initial release.	12/16/2016

General Properties — High voltage 8AWG 133/29 BC HVFX/XLE Shielded Cable

Application — Hybrid or Electric powered Vehicles

General Composition of Cable — See Below



Color Code

Inner	Orange
Outer Jacket	Orange

Physical Data

	Description		Dimensions (Nom.) inches	mm
1.	Conductor:	8 AWG 133/29 Bare Copper	**0.166**	**4.22**
2.	Insulation:	EXRAD HVFX wall thickness: 30 mil	**0.226**	**5.74**
3.	Shield:	34 AWG Tinned Copper Braid, 95% coverage-Nominal	**0.249**	**6.32**
4.	Jacket:	EXRAD XLE wall thickness: 30 mil	**0.309**	**7.85**
		OD Tolerance	**+/- 0.020"**	**+/- 0.51mm**

Electrical Data

Resistance:	0.628 ohms/kft 2.60 ohms/km @ 20°C nominal
Voltage Rating:	1,000 volts maximum per SAE J1654

General Data

Use:	High Voltage Power Cables for Electric or Hybrid Vehicles
Temperature Range:	-55º C to +150º C
Primary Insulation:	Meets Peformance Requirements of ISO 6722 Class D
Jacket Insulation:	Meets Performance Requirements of ISO 6722, Section 5.13 150°C 3,000 Hours
Min. Static Bend Radius:	inches 1.1 / mm 27

CHAMPLAIN CABLE

TITLE: 8 AWG 133/29 BC HVFX/XLE Shielded High Voltage Cable

UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES

Michael Cienkus — DATE 12/16/2016

CKD. Sue Tatro — DATE 12/16/2016

DO NOT SCALE THIS DRAWING

SIZE A | PART NUMBER 15-08295-XXX | DOCUMENT NUMBER 15870

CSF-020